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- (71) Applicant (*for all designated States except US*): IN-NOMED LIMITED [GB/GB]; Craigmore, Douglas Road, Longniddry, East Lothian EH32 0LE (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): WHITE, Barry, James [GB/GB]; Hyaltech Limited, Research Avenue South, Heriot Watt Research Park, Edinburgh EH14 4AP (GB). RODDEN, Gillina, Isabella [GB/GB]; Hyaltech Limited, Research Avenue South, Heriot Watt Research Park, Edinburgh EH14 4AP (GB).
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(54) Title: COMPOSITIONS OF SEMI-INTERPENETRATING POLYMER NETWORK

(57) Abstract: Novel compositions consisting of semi-interpenetrating network of cross-linked water soluble derivatives of basic polysaccharides and a non-cross-linked component, which is an anionic polysaccharide are provided. Methods for the production of such compositions are also disclosed. Preferably the basic polysaccharide is chitosan or a derivative thereof and the anionic polysaccharide is hyaluronic acid. The compositions can be formed into gels or films, for example, and thus find use in a wide range of medical applications in the fields of dermatology, plastic surgery, urology and orthopaedics.



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